

CLAIMS

1. A portable, wheeled greenhouse comprising:
 - a) a wheeled chassis;
 - 5 b) the upper end portion of the chassis including a reservoir with side walls and a bottom wall;
 - c) a plurality of racks that are each supported upon the reservoir above the bottom, each rack being sized and shaped to support and suspend a plurality of potted plants above the bottom, yet close enough to the bottom so that when water is contained in the reservoir it contacts the
10 supported pots;
 - d) a translucent canopy that fits about the reservoir supported by the upper end portion of the chassis.
2. The portable wheeled greenhouse of claim 1 wherein there are a plurality of rack
15 sections, each movable with respect to the others.
3. The portable wheeled greenhouse of claim 1 wherein the rack is supported upon the reservoir next to the side wall.
- 20 4. The portable wheeled greenhouse of claim 1 wherein the upper portion of the chassis has one or more flow fittings for transmitting water between the reservoir and the exterior of the reservoir.
5. The portable wheeled greenhouse of claim 4 wherein the fitting is a drain fitting.
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6. The portable wheeled greenhouse of claim 4 wherein the fitting is a water inlet fitting.
7. The portable wheeled greenhouse of claim 4 further comprising a spray head supported by the chassis above the rack.

8. The portable wheeled greenhouse of claim 4 further comprising a spray head supported by the combination of chassis and canopy above the rack.

9. The portable wheeled greenhouse of claim 2 wherein the chassis has a pair of side walls and a pair of end walls, and the racks extend between opposing side walls or end walls.

10. A portable, wheeled greenhouse comprising:

a) a wheeled chassis;

b) the upper end portion including a reservoir with side walls and a bottom wall;

c) a rack system supported by the chassis, including a plurality of elongated linear racks that span between opposing side walls, the racks being movable upon the chassis into different locations along a path that is generally perpendicular to each rack; and

d) a translucent canopy that fits about the reservoir supported by the upper end portion of the chassis.

11. A portable, wheeled greenhouse comprising:

a generally rectangular shaped chassis having a front end, a rear end and elongated sides connecting said end portions;

a vertical support disposed on the chassis front end and a vertical support disposed on the chassis rear end, the lower aspect of at least one of said vertical support sections having a pair of wheels disposed thereon, and disposed generally outwardly of the elongated sides of said chassis at said vertical support;

the upper portion of the chassis having disposed therein a reservoir with side walls and a bottom wall;

a plurality of racks each of which being supported upon the side walls of the reservoir above the bottom wall, each rack being sized and shaped to support and suspend a plurality of containers for potted plants above the bottom wall, the bottom of said containers being disposed generally adjacent and above the bottom wall whereby the reservoir may be at least partially filled with a fluid, so that said fluid contacts the supported pots;

a frame disposed on the chassis and extending upwardly therefrom, said frame terminating at its upwardly extent in a canopy support, the perimeter of which substantially overlays the reservoir; and

5 a translucent canopy disposed on the canopy support and extending downwardly over the frame a distance which encloses the reservoir supported by the upper portion of the chassis.

12. A portable, wheeled greenhouse according to Claim 11 wherein the chassis includes a light support and light disposable generally above the canopy support.

10 13. A portable, wheeled greenhouse according to Claim 11 wherein the reservoir has disposed a fitting for connection of a water supply to the reservoir.

14. A portable, wheeled greenhouse according to Claim 13 wherein said fitting internally of the reservoir is connected to a spray head disposed at a level above the racks whereby water may
15 be sprayed so as to fall on the racks and their contents.

15. A portable, wheeled greenhouse according to Claim 11 wherein the reservoir has disposed in the lower extent thereof a drain fitting for the selective removal of fluid from the reservoir.

20 16. A portable, wheeled greenhouse according to Claim 11 wherein an external heating element is disposed on the underside of the bottom wall of the reservoir.

17. A portable, wheeled greenhouse according to Claim 16 wherein the external heating
25 element is an electrical strip heater.

18. A rack for a portable greenhouse having a tray comprising:
at least two side rails of a length to be supported by opposite sides of the tray;
a plurality of cross rails adapted to be removably connected to two of said side rails;

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said side rails having lateral connector openings disposed therein, at regular intervals of a preselected distance x extending from one end of the rail to the other end of the rail;

said cross rails having a length of x and a connector pin disposed on each end of the cross rail, said pin having a cross-sectional dimension so as to be tightly received in the connector opening;

whereby the cross rails may be removably connected to the side rails at selected openings to form a rack suspendable by the sides of the tray.

19. A rack for a portable greenhouse according to Claim 18 wherein the side rails on one longitudinal surface thereof, have a receiving slot disposed in the surface vertically above the connector opening and the side rails have on each end thereof, disposed above the connector pin, a connector land having a cross-sectional dimension so as to be closely received in said connector slot when said connector pin is received in the connector opening.

20. A rack for a portable greenhouse according to Claim 19 wherein said connector pins have disposed on the exposed ends thereof, a detent cooperable with the side rail at the connector opening whereby the cross rail is detachably connected to the side rail.